

CROWN FARM OFF-SITE ROAD IMPROVEMENTS¹

1. Sam Eig Highway and Fields Road
 - (a) Add third southbound left-turn lane in the median of Sam Eig Highway. Triple left turn to be approximately 500 feet long, plus a 250-foot taper along Sam Eig Highway.
 - (b) Widen eastbound Fields Road to 3 lanes from Sam Eig Highway to Rio Boulevard, a distance of approximately 1,100 feet.
 - (c) Prepare maintenance of traffic plans and signing and marking plans.
 - (d) Modify traffic signals at both Sam Eig Highway and at Rio Boulevard (2 locations; if roundabout is constructed at Rio Boulevard, signal modification still needed).
2. Fields Road and Rio Boulevard
 - (a) Install 2-lane roundabout approximately 185 feet in diameter.
 - (b) Prepare maintenance of traffic plans and signing and marking plans.
3. Fields Road and Decoverly Drive
 - (a) Install 2-lane roundabout approximately 185 feet in diameter.
 - (b) Prepare maintenance of traffic plans and signing and marking plans.
4. Fields Road and Washingtonian Boulevard
 - (a) Install 2-lane roundabout approximately 185 feet in diameter.
 - (b) Prepare maintenance of traffic plans and signing and marking plans.
5. MD 119 (Great Seneca Highway) and Sam Eig Highway

¹ All references to linear feet are approximate.

- (a) Change signalized southbound double left turn from Sam Eig Highway to MD 119 from a signalized double right to one free right and one signalized right turn.
 - (b) Continue auxiliary lane to Muddy Branch Road from Sam Eig Highway.
 - (c) Modify traffic signal.
- 6. MD 28 and Omega Drive – Medical Center Drive
 - (a) Restripe southbound thru lane to a dedicated left-turn lane with a double left turn approximately 320 feet long with a 250-foot taper.
 - (b) Construct an approximately 250-foot eastbound double left-turn lane with a 250-foot taper.
 - (c) Prepare maintenance of traffic plans and signing and marking plans.
 - (d) Modify traffic signal.
- 7. Shady Grove Road and Darnestown Road
 - (a) Restripe northbound right-turn lane to a thru/right turn lane.
- 8. Diamondback Drive and Decoverly Drive
 - (a) Install approximately 185-foot diameter, 2-lane roundabout.
 - (b) Prepare maintenance of traffic plans and signing and marking plans.
- 9. Shady Grove Road and Corporate Drive
 - (a) Change westbound right turn to free right.
 - (b) Extend auxiliary lane from I-270 ramp southerly to Corporate Drive, approximately 300 feet.
 - (c) Modify traffic signal.
- 10. MD 119 (Great Seneca Highway) and Muddy Branch Road

- (a) Add one northbound left-turn lane in the median. Left-turn lane to be approximately 180 feet long with 150-foot taper.
- (b) Prepare maintenance of traffic plans and signing and marking plans.
- (c) Modify traffic signal.

11. MD 119 (Great Seneca Highway) and Decoverly Drive

- (a) Change westbound right-turn lane to a free right.
- (b) Add one southbound thru lane. Southbound thru lane will begin approximately 1,000 feet north of Decoverly Drive and extend to a point approximately 700 feet south of Decoverly Drive, a total distance of approximately 1,700 feet.
- (c) Extend auxiliary lane from Sam Eig Highway back to Decoverly Drive (approximately 600 feet).
- (d) Prepare maintenance of traffic plans and signing and marking plans.

12. MD 28 and Shady Grove Road

- (a) Add acceleration lane from southbound free right on Shady Grove Road. Auxiliary lane to extend to first driveway (a distance of approximately 350 feet).
- (b) Prepare maintenance of traffic plans and signing and marking plans.
- (c) Modify traffic signal.